

INTERNATIONAL SEARCH REPORT

International Application No

PCT/CA 02/01681

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G06T15/10 G06T15/70 G09B9/05 G09B9/30

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06T G09B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| A | GB 2 265 801 A (REDIFFUSION SIMULATION LTD) 6 October 1993 (1993-10-06) abstract; claims 1,7 page 1, line 1-4 page 9, line 15-21 page 11, line 17 -page 12, line 27 page 16, line 2-11 page 22, line 10-20 page 70, line 19-25 page 71, line 8-16 | 1-12 |
| A | EP 0 507 550 A (GEN ELECTRIC) 7 October 1992 (1992-10-07) abstract; claims 1-3,6,7 column 5, line 37-52 column 6, line 26 -column 7, line 41 column 10, line 55 -column 11, line 6 | 1-12 |



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

- *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

24 October 2003

Date of mailing of the international search report

18. 11. 03

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| A | US 4 614 941 A (JARVIS KEVIN M) 30 September 1986 (1986-09-30) abstract; claim 1 column 1, line 21-28, 41-54 column 2, line 15-53 ---- | 1-12 |
| A | US 6 196 845 B1 (STREID HAROLD R) 6 March 2001 (2001-03-06) abstract; claim 1 ---- | 1-12 |
| X | EP 0 366 309 A (IBM) 2 May 1990 (1990-05-02) abstract column 12, line 25-33 ---- | 13-15 |
| X | US 5 621 869 A (DREWS MICHAEL D) 15 April 1997 (1997-04-15) abstract column 4, line 14-17, 59 -column 5, line 16 ---- | 13-15 |
| X | US 5 467 110 A (WHITE JAMES M ET AL) 14 November 1995 (1995-11-14) abstract column 1, line 54 -column 2, line 12, 35-42 ----- | 13-15 |

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Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

see additional sheet

1. ☒ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☒ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims: 1-12

System and method for rendering CLPs in a 3D-to-2D mapping. Determination of occlusion/visibility of the CLPs. The colour portion of the CLPs can be replaced by "information" which is then used to access an occlusion counter.

2. Claims: 13-15

A graphical PU and data point for 3D-to-2D mapping. The colour portion of a data point (pel) can be replaced by "information" that "may" be used when said data point "may" be stored.
No mention of CLPs.

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International Application No

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| Patent document cited in search report | Publication date | Patent family member(s) | Publication date |
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